

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--------------------------------------|---|------------------|---------|------------------|
| L1 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L2 | 576969 | protein or polypeptide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L3 | 562068 | synthesis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L4 | 78543 | in ADJ vitro | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L5 | 12849 | spermine or spermidine or putrescine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L6 | 2936 | L2 with L3 with L4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L7 | 0 | L6 with L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L8 | 2 | L6 same L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L9 | 884601 | peg or polyethylene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L10 | 7 | L9 same L6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|-----|-------|-------------------------|---|----|-----|------------------|
| L11 | 4259 | "cell-free translation" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L12 | 4 | L11 same L9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L13 | 13 | L11 same L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L14 | 25711 | cell-free | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L15 | 169 | L14 same L9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L16 | 122 | L14 same L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L17 | 1 | ("6083715").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L18 | 1 | ("6337191").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L19 | 1 | ("6258560").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L20 | 1 | ("5342763").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L21 | 1 | ("5410026").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L22 | 1 | ("5487980").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L23 | 1 | ("5639635").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L24 | 1 | ("5633165").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L25 | 1 | ("5789199").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L26 | 1 | ("5968767").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L27 | 1 | ("5962252").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L28 | 1 | ("6114137").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L29 | 1 | ("6168931").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L30 | 1 | ("6180367").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L31 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |

EAST Search History

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|-----|--------|--------------------------------------|---|----|----|------------------|
| L32 | 576969 | protein or polypeptide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L33 | 562068 | synthesis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L34 | 78543 | in ADJ vitro | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L35 | 12849 | spermine or spermidine or putrescine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L36 | 2936 | L32 with L33 with L34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L37 | 0 | L36 with L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L38 | 884601 | peg or polyethylene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L39 | 4259 | "cell-free translation" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L40 | 4 | L39 same L38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L41 | 25711 | cell-free | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|-----|-----|-----------------|---|----|-----|------------------|
| L42 | 169 | L41 same L38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L43 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L44 | 1 | ("6083715").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L45 | 1 | ("6337191").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L46 | 1 | ("6258560").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L47 | 1 | ("5342763").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L48 | 1 | ("5410026").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L49 | 1 | ("5487980").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L50 | 1 | ("5639635").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L51 | 1 | ("5633165").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L52 | 1 | ("5789199").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L53 | 1 | ("5968767").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L54 | 1 | ("5962252").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L55 | 1 | ("6114137").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L56 | 1 | ("6168931").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L57 | 1 | ("6180367").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L58 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L59 | 2 | L36 same L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L60 | 7 | L38 same L36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L61 | 13 | L39 same L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L62 | 122 | L41 same L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|-----|--------|-----------------------|---|----|----|------------------|
| L63 | 2936 | L32 with L33 with L34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L64 | 4140 | L32 same L33 same L34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L65 | 31 | L64 same L38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L66 | 2902 | L35 same L32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L67 | 1385 | L35 with L32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L68 | 94005 | L41 or L34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L69 | 270 | L68 same L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L70 | 100 | L68 with L35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L71 | 163557 | coli | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L72 | 60 | L69 same L71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|-----|--------|--------------------------------------|---|----|----|------------------|
| L73 | 576969 | protein or polypeptide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L74 | 562068 | synthesis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L75 | 78543 | in ADJ vitro | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L76 | 12849 | spermine or spermidine or putrescine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L77 | 2936 | L73 with L74 with L75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L78 | 0 | L77 with L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L79 | 884601 | peg or polyethylene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L80 | 4259 | "cell-free translation" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L81 | 4 | L80 same L79. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L82 | 25711 | cell-free | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|-----|--------|--------------------------------------|---|----|----|------------------|
| L83 | 169 | L82 same L79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L84 | 576969 | protein or polypeptide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L85 | 562068 | synthesis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L86 | 78543 | in ADJ vitro | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L87 | 12849 | spermine or spermidine or putrescine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L88 | 2936 | L84 with L85 with L86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L89 | 0 | L88 with L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L90 | 884601 | peg or polyethylene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L91 | 4259 | "cell-free translation" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L92 | 4 | L91 same L90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|------|--------|-----------------------|---|----|-----|------------------|
| L93 | 25711 | cell-free | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L94 | 169 | L93 same L90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L95 | 4140 | L84 same L85 same L86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L96 | 2902 | L87 same L84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L97 | 1385 | L87 with L84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L98 | 94005 | L93 or L86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L99 | 270 | L98 same L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L100 | 163557 | coli | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L101 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L102 | 1 | ("6083715").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L103 | 1 | ("6337191").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L104 | 1 | ("6258560").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L105 | 1 | ("5342763").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L106 | 1 | ("5410026").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L107 | 1 | ("5487980").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |

EAST Search History

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|------|----|-----------------|---|----|-----|------------------|
| L108 | 1 | ("5639635").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L109 | 1 | ("5633165").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L110 | 1 | ("5789199").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L111 | 1 | ("5968767").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L112 | 1 | ("5962252").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L113 | 1 | ("6114137").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L114 | 1 | ("6168931").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L115 | 1 | ("6180367").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L116 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L117 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L118 | 1 | ("6083715").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L119 | 1 | ("6337191").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L120 | 1 | ("6258560").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L121 | 1 | ("5342763").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L122 | 1 | ("5410026").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L123 | 1 | ("5487980").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L124 | 1 | ("5639635").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L125 | 1 | ("5633165").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L126 | 1 | ("5789199").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L127 | 1 | ("5968767").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L128 | 1 | ("5962252").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L129 | 1 | ("6114137").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L130 | 1 | ("6168931").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L131 | 1 | ("6180367").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L132 | 1 | ("6548276").PN. | USPAT | OR | OFF | 2007/02/01 10:10 |
| L133 | 2 | L77 same L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L134 | 7 | L79 same L77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L135 | 13 | L80 same L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

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|------|------|-----------------------|---|----|----|------------------|
| L136 | 2 | L88 same L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L137 | 7 | L90 same L88 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L138 | 13 | L91 same L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L139 | 31 | L95 same L90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L140 | 100 | L98 with L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L141 | 60 | L99 same L100 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L142 | 122 | L82 same L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L143 | 122 | L93 same L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L144 | 2936 | L73 with L74 with L75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |
| L145 | 2936 | L84 with L85 with L86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:10 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L1 | 78545 | "in vitro" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:32 |
| L2 | 357288 | transcription or translation | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:32 |
| L3 | 206083 | polypeptides or polynucleotides | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:32 |
| L4 | 274277 | polypeptides or polynucleotides or rna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:32 |
| L5 | 476502 | I2 or I3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:33 |
| L6 | 4363 | I1 with I4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:33 |
| L7 | 1657 | oxidative ADJ phosphorylation | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:33 |
| L8 | 0 | I6 with I7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:33 |

EAST Search History

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|-----|------|-------------|--|----|----|------------------|
| L9 | 0 | I6 same I7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:33 |
| L10 | 8067 | I1 same I4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:34 |
| L11 | 2 | I10 same I7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/01 10:34 |